

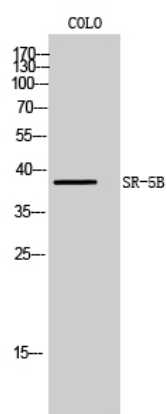


# SR-5B Polyclonal Antibody

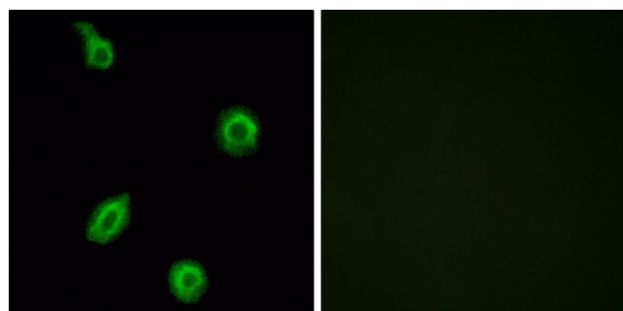
<b>Catalog No</b>	YP-Ab-12821
<b>Isotype</b>	IgG
<b>Reactivity</b>	Mouse;Rat
<b>Applications</b>	WB;IF;ELISA
<b>Gene Name</b>	HTR5B
<b>Protein Name</b>	5-hydroxytryptamine receptor 5B
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from rat HTR5B. AA range:280-329
<b>Specificity</b>	SR-5B Polyclonal Antibody detects endogenous levels of SR-5B protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	38kD
<b>Cell Pathway</b>	
<b>Tissue Specificity</b>	
<b>Function</b>	
<b>Background</b>	This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins. Probably involved in anxiety and depression.
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



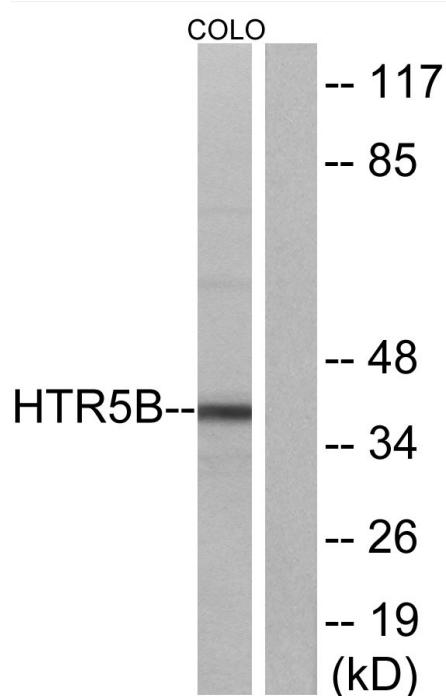
## Products Images



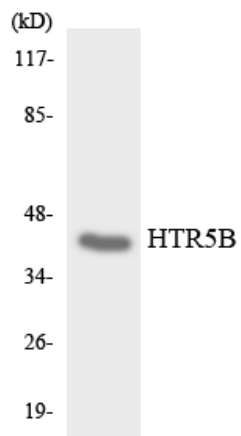
Western Blot analysis of COLO cells using SR-5B Polyclonal Antibody



Immunofluorescence analysis of HUVEC cells, using HTR5B Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO cells, using HTR5B Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using HTR5B antibody.